

Title (en)

SECURING THE USER PLANE PATH FOR A GROUP COMMUNICATION SESSION BASED ON A SECURITY POLICY COMMON TO ALL DEVICES IN THE GROUP

Title (de)

SICHERUNG DES BENUTZEREbenenPFADS FÜR EINE GRUPPENKOMMUNIKATIONSSITZUNG AUF BASIS EINER ALLEN VORRICHTUNGEN IN DER GRUPPE GEMEINEN SICHERHEITSRICHTLINIE

Title (fr)

SÉCURISATION DU CHEMIN DE PLAN D'UTILISATEUR POUR UNE SESSION DE COMMUNICATION DE GROUPE SUR LA BASE D'UNE POLITIQUE DE SÉCURITÉ COMMUNE À TOUS LES DISPOSITIFS DU GROUPE

Publication

**EP 4236205 A3 20231129 (EN)**

Application

**EP 23176907 A 20200121**

Priority

- US 201962794906 P 20190121
- EP 20744355 A 20200121
- SE 2020050049 W 20200121

Abstract (en)

A network node (26, 400) is configured for use in a wireless communication network (10). The network node (26, 400) receives a request to establish a session (14-1) for a device (12-1) in a group (18), e.g., a 5G Local Area Network group (18). The network node (26, 400) determines a user plane security policy (24-1) for the session (14-1), based on a user plane security policy (28) for the group (18). The user plane security policy (28) for the group (18) may specify a policy for securing a user plane path of a session for any device in the group (18). The network node (26, 400) may then transmit, to an access node of the wireless communication network (10), control signaling indicating the determined user plane security policy (24-1).

IPC 8 full level

**H04W 12/00** (2021.01); **H04L 9/00** (2022.01); **H04L 9/40** (2022.01); **H04L 12/18** (2006.01); **H04W 4/08** (2009.01); **H04W 12/033** (2021.01); **H04W 12/76** (2021.01)

CPC (source: EP KR US)

**H04L 12/1818** (2013.01 - EP); **H04L 63/104** (2013.01 - EP KR US); **H04W 4/08** (2013.01 - EP KR US); **H04W 12/033** (2021.01 - EP KR US); **H04W 12/76** (2021.01 - EP US); **H04W 76/40** (2018.01 - KR US)

Citation (search report)

- [A] WO 2018194971 A1 20181025 - INTEL CORP [US]
- [A] EP 3177052 A1 20170607 - ZTE CORP [CN]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2020153894 A1 20200730**; EP 3915285 A1 20211201; EP 3915285 A4 20220309; EP 3915285 B1 20230614; EP 4236205 A2 20230830; EP 4236205 A3 20231129; KR 102469940 B1 20221122; KR 20210112378 A 20210914; US 2022124488 A1 20220421

DOCDB simple family (application)

**SE 2020050049 W 20200121**; EP 20744355 A 20200121; EP 23176907 A 20200121; KR 20217025467 A 20200121; US 202017424057 A 20200121